

Quanxi JIA

Peer reviewed journal publications > 350

Nanoscience Related Publications

(Selected peer reviewed journal articles)

- Z. Bi, O. Anderoglu, X. Zhang, J. L. MacManus-Driscoll, H. Yang, Q. X. Jia, and H. Wang, "Nanoporous Thin Films with Controlable Nanopores Processed from Vertically Aligned Nanocomposites," *Nanotechnology* **21**, 285606 (2010).
- H. Zhao, Y. Y. Zhang, P. D. Bradford, Q. Zhou, Q. X. Jia, F. G. Yuan, and Y. T. Zhu, "Carbon Nanotube Yarn Strain Sensors," *Nanotechnology* **21**, 305502 (2010).
- Y. Y. Zhang, C. J. Sheehan, J. Y. Zhai, G. F. Zou, H. M. Luo, J. Xiong, Y. T. Zhu, and Q. X. Jia, "Polymer-embedded Carbon Nanotube Ribbons for Stretchable Conductors," *Adv. Mater.* **22**, 3027-3031 (2010).
- S. Baber, M. Zhou, Q. L. Lin, M. Naalla, Q. X. Jia, Y. Lu, and H. M. Luo, "Nanoconfined Surfactant Templated Electrodeposition to Porous Hierarchical Nanowires and Nanotubes," *Nanotechnology* **21**, 165603 (2010).
- Y. Lin, C. Dai, Y. R. Li, X. Chen, C. L. Chen, A. Bhalla, and Q. X. Jia, "Strain Relaxation in Epitaxial (Pb,Sr)TiO₃ Thin Films on NdGaO₃ Substrates," *Appl. Phys. Lett.* **96**, 102901 (2010).
- Y. Y. Zhang, C. J. Sheehan, J. Y. Zhai, G. F. Zou, H. M. Luo, J. Xiong, Y. T. Zhu, and Q. X. Jia, "Polymer-embedded Carbon Nanotube Ribbons for Stretchable Conductors," *Adv. Mater.* **22**, 3027-3031 (2010).
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- G. F. Zou, M. K. Jain, H. Yang, Y. Y. Zhang, D. Williams, and Q. X. Jia, "Recyclable and Electrically Conducting Carbon Nanotube Composite Films," *Nanoscale* **2**, 418-422 (2010).
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- H. Peng, X. M. Sun, F. J. Cai, X. Chen, G. P. Liao, D. Y. Chen, Q. W. Li, Y. F. Lu, Y. T. Zhu, and Q. X. Jia, "Electrochromatic Carbon Nanotube/Polydiacetylene Nanocomposite Fibers," *Mature Nanotechnology* **4**, 738-741 (2009).
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